



# District Structural Engineer

**7SHAD**

## OPEN EXAMINATION

### Final File Date: Continuous Filing

An equal opportunity employer to all regardless of race, color, creed, national origin, ancestry, sex, marital status, disability, religious or political affiliation, age, or sexual orientation.

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It is an objective of the State of California to achieve a drug-free work place. Any applicant for State employment will be expected to behave in accordance with this objective because the use of illegal drugs is inconsistent with the law of the State, the rules governing civil service, and the special trust placed in public servants.

WHO SHOULD APPLY	This is an open examination. Applications will not be accepted on a promotional basis. Career Credits do not apply.
HOW TO APPLY	<p>Please submit an application (STD 678) to the address indicated below. <b>DO NOT SUBMIT APPLICATION TO THE STATE PERSONNEL BOARD.</b></p> <p><b>NOTE:</b> All applications must include: "to" and "from" dates (month/day/year); time base; and civil service class titles. Applications received without this information will be rejected. Resumes will not be accepted in lieu of a completed State Application, Form Std 678.</p> <p><b>NOTE:</b> Office of Statewide Health Planning and Development and/or the State Personnel Board reserves the right to revise the examination plan to better meet the needs of the service if there are any changes in circumstances surrounding the original examination plan.</p>
WHERE TO APPLY	<p><b>MAIL TO:</b> or <b>FILE IN PERSON:</b></p> <p>Office of Statewide Health Planning and Development Personnel Office – ATTN: Ed Springer 1600 9<sup>th</sup> Street, Room 350 Sacramento, CA 95814</p>
FINAL FILING DATE	Testing is considered continuous as dates can be set at any time.
SPECIAL TESTING ARRANGEMENTS	If you have a disability and need special testing arrangements, mark the appropriate box in Part 2 of the "Application for Examination." You will be contacted to make specific arrangements.
SALARY RANGE	\$7,096 - \$8,626
ELIGIBLE LIST INFORMATION	Names of successful candidates will be merged into the list in order of final score order regardless of date. Eligibility expires 24 months after it is established. Candidates may not be tested more than once in a testing period.
REQUIREMENTS FOR ADMITTANCE TO THE EXAMINATION	<p><b>NOTE:</b> All applicants must meet the education and/or experience requirements for this examination by the final filing date. <b>Please include your Structural Engineering License, certification number and expiration date on your application.</b></p> <p><b>NOTE:</b> Accepted applicants are required to bring either a photo identification card or two forms of signed identification to each phase of the examination.</p>

**MINIMUM REQUIREMENTS**

Qualifying experience may be combined on a proportionate basis if the requirements stated below include more than one pattern and are distinguished as "Either" I, "or" II, "or" III, etc. For example, candidates possessing qualifying experience amounting to 50% of the required time of Pattern I, and additional experience amounting to 50% of the required time of Pattern II, may be admitted to an examination as meeting 100% of the overall experience requirement.

Possession of a valid certificate to use the title of Structural Engineer" under the statutes regulating the practice of civil engineering in California. **and**

**Experience:** Five years of structural engineering involving the performance of increasingly complex duties, including one or a combination of the following:

1. One year of experience equivalent in responsibility to that of a Senior Structural Engineer in charge of major structural design, which shall have included experience in construction work. Or
2. One year of responsible experience equivalent in responsibility to that of a Senior Structural Engineer in checking of plans for schools, hospitals, or public District buildings which shall have included experience as a field supervisor of school, hospital, or public building construction work. **and**

**Education:** Equivalent to graduation from college with major work in civil or architectural engineering. (Additional qualifying experience may substitute for the required education on a year-for-year basis.)

**SPECIAL PERSONAL CHARACTERISTICS**

Willingness to travel; tact.

**POSITION STATEMENT**

Under general direction in an assigned district, to have charge of difficult and complex field structural engineering work relating to the design and inspection of school, hospital and State buildings and other structures or groups of structures; and to do other related work.

**POSITION(S)**

Positions are located in Los Angeles and Sacramento.

**EXAMINATION INFORMATION**

This examination will consist of **either**:

- a. A qualifications appraisal interview weighted 100%, or
- b. A structured application review weighted 100%, or
- c. An evaluation of each candidate's experience and education weighted 100%.

If interviews are conducted, the interview will include a number of predetermined job-related questions. In order to obtain a position on the eligible list, a minimum rating of 70.00% must be attained in the interview, the education and experience, or the structured application review process.

**CANDIDATES WHO DO NOT APPEAR FOR THE INTERVIEW WILL BE ELIMINATED.**

**Scope****EXAMINATION INFORMATION (CONTINUED)**

In addition to evaluating the competitors' relative abilities as demonstrated by quality and breadth of experience, emphasis in the examining interview will be measuring competitively, relative to job demands, each competitor's:

- A. Knowledge of:
  1. Graphostatics and stress analysis.
  2. Strength, properties, and uses of the materials of building construction.
  3. Specifications, loadings, and building codes applying to buildings and other structures.
  4. Soil mechanics applying to building construction.
  5. The department's Equal Employment Opportunity Objectives.
  6. A manager's role in the Equal Employment Opportunity and the processes available to meet equal employment objectives.
- B. Skill in:
  1. Reviewing and judging the quality of office and field structural engineering work.
- C. Ability to:
  1. Make technical investigations of and recommendations on structural engineering problems.
  2. Meet and deal effectively with and win the confidence and respect of public officials, architects, engineers, contractors, and others contacted in connection with the enforcement of regulations relating to structural design of schools, hospitals, and public buildings.
  3. Analyze situations and adopt an effective course of action.
  4. Prepare technical specifications and write comprehensive but concise reports.
  5. Effectively contribute to the department's equal employment objectives.

If conditions warrant, this examination may utilize an evaluation of each candidate's experience and education compared to a standard developed from the class specification. For this reason, it is especially important that candidates take special care in accurately and completely filling out their application. List all experience relevant to the "Requirement for Admittance to the Examination", shown on this announcement, even if that experience goes beyond the limit printed on the application. Supplementary information will be accepted, but read the "Requirements for Admittance to the Examination" carefully to see what kind of information will be useful to the staff doing the evaluation.

**VETERANS PREFERENCE**

Veteran's preference will not be granted in this examination, since it does not qualify as an entrance examination under the law.

**QUESTIONS?**

If you have any questions concerning this examination, please contact the Examination Services Unit at (916) 654-2097 or 654-2752.

**GENERAL INFORMATION**

It is the candidate's responsibility to contact the Personnel Office at (916) 654-2097 or (916) 654-2752, three days prior to the test date if he/she has not received his/her notice.

For an examination without a written feature it is the candidate's responsibility to contact the Personnel Office at (916) 654-2097 or (916) 654-2752, three weeks after the final filing date if he/she has not received a progress notice.

If a candidate's notice of oral interview or performance test fails to reach him/her prior to the day of the interview due to a verified postal error, he/she will be rescheduled upon written request.

Applications are available at State Personnel Board Offices, local office of the Employment Development Department and the Office of Statewide Health Planning and Development or State Personnel Board website [www.spb.ca.gov](http://www.spb.ca.gov).

If you meet the requirements stated on the reverse, you may take this examination, which is competitive. Possession of the entrance requirements does not assure a place on the eligible list. Your performance in the examination will be compared with the performance of the other candidates, and all candidates who pass will be ranked according to their scores.

The Department reserves the right to revise the examination plan to better meet the needs of the service if the circumstances under which this examination was planned change. Such revision will be in accordance with civil service laws and rules and all components will be notified.

**EXAMINATION LOCATIONS:** When a written test is part of the examination, it will be given in such places in California as the number of candidates and conditions warrant. Ordinarily, oral interviews are scheduled in Sacramento, San Francisco, and Los Angeles. However, locations of interviews may be limited or extended as conditions warrant.

**ELIGIBLE LISTS:** Eligible lists established by competitive examination, regardless of date, must be used in the following order: 1) subdivisional promotional, 2) departmental promotional, 3) multidepartmental promotional, 4) servicewide promotional, 5) departmental open, 6) open. When there are two lists of the same kind, the older must be used first. Eligible lists will expire in one to four years unless otherwise stated on the bulletin.

**GENERAL QUALIFICATIONS:** Candidates must possess essential personal qualifications including integrity, initiative, dependability, good judgement, and ability to work cooperatively with others; and a state of health consistent with the ability to perform the assigned duties of the class. A medical examination may be required. In open examinations, investigation may be made of employment records and personal history and fingerprinting may be required.

**INTERVIEW SCOPE:** If an interview is conducted, in addition to the scope described on the other side of this bulletin, the panel will consider education, experience, personal development, personal traits, and fitness. In appraising experience, more weight will be given to the breadth and recent of pertinent experience and evidence of the candidate's ability to accept and fulfill increasing responsibilities than to the length of his/her experience. Evaluation of a candidate's personal development will include consideration of his/her recognition of his/her own training needs; his/her plans for self-development.

Office of Statewide Health Planning and Development  
Personnel Office, 1600 9<sup>th</sup> Street, Room 350, Sacramento, California 95814, (916) 654-2097  
California Relay Telephone Service for the deaf or hearing impaired:  
TDD Voice 1-800-735-2922 Refer to (916) 654-2097

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Schem Code: GV40  
Class Code: 3332

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